



The gymnasium at F.W. Holbein in Mount Holly, NJ recently underwent a transformative renovation project by RYEBREAD Architects. In order to control excessive noise, echo, and reverberation; which would otherwise be prevalent in an environment of this type, SonaSpray "fc" Dura-K in Arctic White was utilized for the ceiling of the gymnasium.

Spray-applied to the existing cementitious wood fiber panels, SonaSpray "fc" Dura-K serves as a durable, exposed interior finish. With an installed bond strength over 800 PSF, the combination of SonaSpray "fc" Dura-K provides unmatched durability and exceptional acoustic performance. Additionally, this application of SonaSpray "fc" Dura-K in Arctic White provides high light reflectance to optimize natural daylighting and promote brightness throughout the space.

No matter your project's requirements and budget constraints, ICC's products can be customized to meet your needs. Offices, restaurants, warehouses, worship facilities, gymnasiums, and schools are just a few of the many types of projects that benefit from SonaSpray "fc".



Project Details

Name: F.W. Holbein School Gymnasium

Location: Mount Holly, New Jersey

 SonaSpray "fc" is manufactured by International Cellulose Corporation

Product Details

Product: SonaSpray "fc" Dura-K

Color: Arctic White

Thickness: 1" over 5,700 Sq Ft of Tectum Ceiling

Architect Details

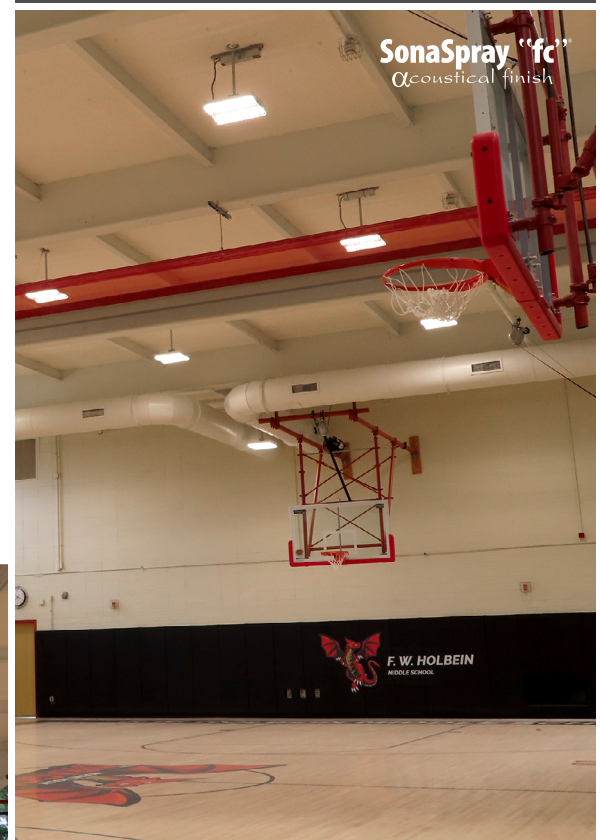
Architect: RYEBREAD Architects

Location: Mount Holly, New Jersey

Professionally Installed By

Contractor: Dyer Insulations

Location: Rockaway, New Jersey



ACOUSTIC & THERMAL SOLUTIONS FOR SIMILAR K-13 PROJECTS



WINDSOR HIGH SCHOOL
WINDSOR, COLORADO



NORTH PLATTE HIGH SCHOOL
NORTH PLATTE, NEBRASKA



EISENHOWER HIGH SCHOOL
HOUSTON, TEXAS

Acoustic Performance

SonaSpray is applied in thicknesses from .5" up to 1" to provide the desired level of acoustical absorption. At 1", SonaSpray provides a NRC of .85.

Light Reflectance

SonaSpray White, and SonaSpray Arctic White provide high light reflectivity, and can be used to maximize day lighting and reduce the need for excessive lighting.

Application

SonaSpray is spray-applied, between .5" and 1". It is engineered for application to common substrates and can adhere to complex or irregular surfaces.

Colorful Options

SonaSpray "fc" is available in standard colors, and can be manufactured in custom, integral colors for unlimited design options.



BARSTOW HIGH SCHOOL BARSTOW, CALIFORNIA

During the initial design of the Barstow High School Gymnasium, HMC Group Architects chose SonaSpray "fc" for the acoustical finish. HMC Group Architects needed a product that would eliminate excessive noise and be durable enough for use in the school gymnasium.

SonaSpray "fc" met all of their needs. SonaSpray "fc" was spray-applied at 1" on the underside of the roof deck. The acoustical performance of SonaSpray "fc" when applied at 1" is unequalled for an exposed product. An NRC rating of .90 was achieved in the gymnasium, helping the students and school faculty enjoy their use of the facility.



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